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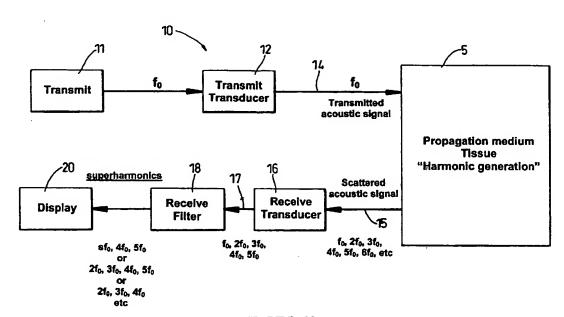
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(54) Title: TISSUE IMAGING AT SUPERHARMONIC FREQUENCIES



(57) Abstract: Ultrasound imaging of tissue in medical applications is carried out by transmitting ultrasound energy into a target volume at least a first fundamental frequency, receiving reflected and/or scattered ultrasound energy from the target volume; and detecting components of the received signal at multiple harmonics of the fundamental frequency or at one or more of the third to fifth harmonics of the fundamental frequency. A image of the target volume is generated using the detected harmonic components of the received signal.



